Application No. 10/516,796

In Response to Office Action dated June 4, 2007

Paper dated November 5, 2007

Attorney Docket No. 3985-045798

**AMENDMENTS TO THE CLAIMS** 

This listing of claims will replace all prior versions and listings of claims in

the application.

**Listing of Claims** 

Original claims 1-8 and amended claims 1-6 (cancelled).

Claim 9 (Currently Amended): An orthopaedic orthopedic device, in

particular a prosthesis or an orthosis, for the purpose of replacing respectively for supporting

the function of at least one part of a human limb with a pivotable joint for example a leg with

a knee or an arm with an elbow, on either side of which joint there extend extends respective

limb parts, such as a lower leg and an upper leg respectively a lower arm and an upper arm,

which device comprises comprising:

a structure comprising two substantially rigid parts, for instance a rod, which

parts are coupled to each other by means of-hinge means and each comprise fastening means

for optional temporary fastening to a limb part,

wherein a pivot axis of the hinge means extends at least more or less about in

the region and in the direction of the pivot axis zone of the relevant joint,

wherein the hinge means comprise two hinges, and each hinge has a pivot

axis, wherein the respective pivot axes of which extend in directions which make an angle

with each other of  $90^{\circ} \pm 40^{\circ}$ ,

in that bounding means are present for limiting to a chosen angular position at

least one of the pivoting movements of at least one of the hinges;

and in that

wherein the fastening means comprise at least two divisible rings with

adjustable periphery, one of which is connected to the one-part-side of the joint and the other

to the other part, side of the joint; and

and wherein the bounding means comprise a flexible, tensively strong

element, the ends of which are connected to-these-the divisible rings such that the flexible

element can bound the pivoting movement of at least one hinge.

Claim 10 (Previously Presented): The device as claimed in claim 9,

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wherein the pivot axes are located spatially spaced from one another at a mutual distance,

which distance is chosen such that it corresponds with the pivoting characteristics of the

relevant joint and further wherein said respective pivot axes make an angle with each other

 $of 90^{\circ} \pm 20^{\circ}$ .

Claim 11 (Previously Presented): The device as claimed in claim 9,

wherein the bounding means comprise stop means added to a hinge.

Claim 12 (Previously Presented): The device as claimed in claim 9,

wherein said structure is provided on only one side with hinge means.

Claim 13 (Previously Presented): The device as claimed in claim 9,

wherein the device is a knee orthosis.

Claim 14 (Previously Presented): The device as claimed in claim 9,

wherein the device is a knee-ankle-foot orthosis.

Claim 15 (New): The device as claimed in claim 10, wherein the

respective pivot axes make an angle with each other of  $90^{\circ} \pm 20^{\circ}$ .

Claim 16 (New): An orthopedic device for supporting the function of at

least one part of a human limb with a pivotable joint on either side of which joint there

extends respective limb parts, comprising:

a structure comprising two substantially rigid parts which parts are coupled to

each other by hinge means and each comprise fastening means for temporary fastening to a

limb part,

wherein the hinge means comprise two hinges and each hinge has a pivot axis,

wherein the respective pivot axes extend in directions which make an angle with each other

of 90° + 40° and, wherein each hinge freely rotates about its respective pivot axis;

bounding means for limiting to a chosen angular position at least one of the

pivoting movements of at least one of the hinges;

wherein the fastening means comprise at least two divisible rings with

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adjustable periphery, one of which is connected to the one side of a joint and the other to the other side of a joint; and

wherein the bounding means comprise a flexible, tensively strong element, the ends of which are connected to the divisible rings such that the flexible element can bound the pivoting movement of at least one hinge.

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